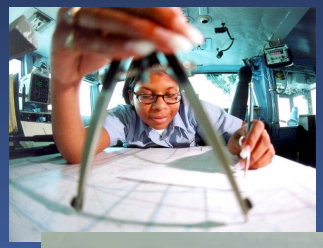
Task Force SIM



Fleet Vision of Simulation

Repeatable Individual and Integrated Group Training Tasks conducted in a Synthetic and Live Environment Suitable for Increased and Sustainable Combat Readiness within an appropriate joint

Stable, Measurable, Statistically relelevant, Acceptable to Warfighters

NETC and NPDC responsibility. FFC Sustain

Repeatable Individual and Integrated Group Training Tasks conducted in a Synthetic and Live Environment Suitable for Increased and Sustainable Combat Readiness

Battle Force Tactical Trainer, Battle Group Inport Exercise, Naval Aviation Simulation Master Plan, Fleet Aviation Simulation Trainers

NTC, Bi-Lateral, Allied Coalition

Events done better in Simulation

Events only possible in Simulation

Will be acceptable to Training & Readiness Matrix, SURFORTRAMAN, SUBTRAMAN rqmts.

Fleet requirement to meet TYCOM needs

Objectives

Establish Task Force SIM to study alternative acquisition strategies and use of simulation systems and stimulation systems to enhance training efficiency and replace outdated training systems to improve readiness and training efficiency as specified in CNO Guidance 2004

Goal

The goal of the Task Force SIM is to ensure the Fleet receives enhanced, realistic training using simulation and stimulation systems within a standardized architecture while optimizing cost.

Applicability and Scope

The Task Force SIM charter applies to all simulation and stimulation aids/devices/systems used for (or in support of) Navy wide, coalition, and Joint training.

This also includes training, operational support, test and evaluation,

as well as Fleet experimentation.

Targeted Training Improvement Areas

- Strike group
- Multi-platform, mission-linked tactical flight
- Integrated bridge and CIC
- Shipboard engineering and damage control
- Nuclear Prototype
- Technical Training Equipment
- Additional supporting tasks, including
  - Defining integrated training architectures
  - Implementing comprehensive program management
  - Aligning acquisition
  - Streamline T&E using M&S, where appropriate

TF SIM Membership

U.S. Fleet Forces Command (N7 Chair)

- Chief of Naval Operations (N00T, N4, N6, N7, N8 Representation)
- Commander, U.S. Pacific Fleet (N7)
- Commander, Naval Network Warfare Command
- Commander, Naval Surface Forces
- Commander, Naval Education and Training Command
- Commander, Naval Sea Systems Command (SEA 03 / 06 / 08)
- Commander, Naval Air Forces
- Commander, Third Fleet
- Commander, Second Fleet
- Commander, Seventh Fleet
- Commander, Naval Submarine Forces
- Commander, Naval Air Systems Command (PMA 205)
- Commanding General, Test and Education Command (TECOM)
- Commander, Space and Naval Warfare Systems Command
- Commander Navy Warfare Development Command
- Commander, Operational Test and Evaluation Force
- Program Executive Office (IWS)
- Naval Personnel Development Command

References

- NAVMSMO Baseline
- Navy Simulation Master Plan (Draft)
- NAVAIR Orlando TTE Database
- FFC M&S Study
- FFC M&S Project Team Action Items
- FFC Fleet Training Strategy
- DoD Acquisition Guidance
  - DoD 5000.2-R April 5, 2002
  - CJCSI 3170.01 June 24, 2003
  - DoDI 5000.2 May 12, 2003
  - DoDD 5000.1 May 12, 2003

Assigned Leads to Targeted Training Improvement Areas

- Strike group (FFC)
- Multi-platform, mission-linked tactical flight (FFC)
- Integrated bridge and CIC (CNSF)
- Shipboard engineering and damage control (CNSF)
- Nuclear Prototype (SEA-08)
- Technical Training Equipment (NETC)
- Additional supporting tasks, including
  - Defining integrated training architectures (FFC)
  - Implementing comprehensive program management (SEA-03)
  - Aligning acquisition (SEA-03)
  - Streamline T&E using M&S, where appropriate (COTF)

Step One Objective

- Identify baselines
  - Cost
    - Contractor Ops & Maint. Services
    - Replacement/Upgrade/Retirement Plans
    - Identify Program Element
    - Specify POM plan /FYDP
  - Sustainability
  - Applicability
  - Integration

Step One Considerations

- Synergy/Efficiencies
  - Common environment/databases
  - Connectivity
  - Return on Investment (ROI)
- Human System Integration (HSI) –
  - Map to Warfighter
  - Map to systems
- Onboard Trainers (OBT)
- Service Commonality
  - Joint Strike Fighter
  - Ranges -Test & Training Enabling Architecture (TENA)
  - Live/Virtual/Constructive (L/V/C)

Step One Concerns

- Unregulated Tools
  - After Action Report
  - Assessment
- Lack of interoperability
  - Mission planning
  - Mission rehearsal
  - Mission debrief
- Security
  - Multi-Level Security
  - Coalition

Step One POA&M

- Feb 19: Kickoff
- Mar 04: Working Group mini-plan briefs
- Mar 18: Initial Baseline briefs
- Apr 01: Initial Cost briefs
- Apr 15: Initial recommended efficiencies
- Apr 16 – Jun 23: Refinement Meetings
- Jun 10: Final product review
- Jun 24: CNO dry run
- Jul 08: CNO initial brief

Summary

- Baseline –where we are
- Where we are going
- Deltas
  - How to fix deltas
  - Alignment
  - Resources
  - Organization

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Questions?